### **ATTACHMENT A**

## **GENERAL REHABILITATION STANDARDS**

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## SECTION A DEMOLITION, CONCRETE, MASONRY

1. <u>DEMOLITION</u> of all parts to be removed shall be done in a safe, orderly fashion, taking care to avoid damage to parts which are to be left in place by sharing or protective covering as may be necessary. Incidental damage during demolition to parts not specified for repair or replacement shall be the contractor's responsibility to restore to original condition. All debris shall be removed from the premises as it is generated and taken to an approved dump site. Debris shall not be allowed to accumulate. Material that is to be re-used, such as doors, trim or lumber shall be kept separate from trash and debris.

### 2. CONCRETE WORK

- a. The concrete mix shall conform to the requirements of the Building Code for the specific purpose to which it is to be used. Unless otherwise specified, a ready mix product, class AA (3750 psi) shall be used.
- b. No concrete shall be poured when the temperature of the surrounding air is below 32°F. All forms, the ground or other material with which concrete will come in contact, shall be free from frost. Heat shall be provided if needed. If concrete is poured between 32°F and 54°F, concrete is to be protected with plastic and salt lay for three (3) days in order to maintain a temperature of at least 55°F under the cover during curing.
- c. Yard pavement shall be at least 4" thick with a float and broom finish pored over a 4" inch, 2B stone base.
- d. Floors shall be at least 4" thick with a steel trowel finish, poured with ready mix product, class AA (3750 psi).
- e. Rat proofing shall be at least 3" thick and need not be finished, poured with ready mix product, class AA (3750 psi).

#### 3. MASONRY

- a. Mortar shall conform to the requirements of the Building Code for the specific purpose for which it is to be used.
- b. No masonry work shall be done when the temperature of the surrounding air is below 32°F.
- c. All joints shall be completely filled with mortar.
- d. All brick, stone or block used shall match adjacent work and samples shall be approved by the owner or his agent before starting the work, unless the work is to be painted or covered.
- e. Soft salmon-type brick shall not be used.
- f. Tuck pointing shall be done only after the joints have been raked out to a minimum depth of 2" and wetted.

## SECTION B CARPENTRY

- 1. FRAMING LUMBER shall be construction grade, surface four sides.
  - a. Allowable spans for floor, roof, and ceiling joists shall be as called for in the Building Code.
  - b. Bearing partition stud walls shall not be less than 2" x 4" studs, set with long dimension perpendicular to the wall, 16" on center.
  - c. Joist spacing shall meet the Building/Residential Code in effect.
  - d. Notching or cutting of structural members shall not be done without the approval of the inspector.
  - e. No used lumber shall be allowed unless inspected and approved by the inspector.
- 2. <u>SUB-FLOORING</u> may be plywood or boards.
  - a. Plywood shall meet the Building/Residential Code in effect.
  - b. Nail plywood sub-floor to joist at each bearing with 8d common or 6d threaded nails spaced 6" on center along all edges and 10" on center along intermediate members. Install solid blocking between joists to provide bearing for all joists.
  - c. Common boards used as sub-flooring shall be not over 12" wide or less than 3/4" thick when laid on joist, spaced 16" on center.
  - d. Nail boards with 8d common nails of 6d threaded nails, providing two nails in four inch and six inch boards, three nails in eight inch boards and four nails in 12" boards.
- 3. <u>SHEATHING</u> shall be as specified under "sub-flooring" except that if plywood is used it shall be of exterior type.
- 4. <u>UNDERLAYMENT</u> shall be 1/4" structural grade plywood or 1/4" untempered hard board placed with smooth side up. Nail underlayment with cement coated, rosin coated or ring groove nails placed on 4" centers on all edges over the face of each piece. Underlayment shall be provided under all resilient floors. Waterproof grade shall be used in kitchens and baths.
- 5. FINISH FLOORING as called for on the specification.
  - a. Strip wood flooring:

Material	Minimum Thickness	Maximum Width
Hard wood	On sub-floor 5/16"	2 1/4"
	On joist 25/32"	3 1/4"
Soft wood	25/32"	
Soft wood	25/32"	

Nailing: Nails shall be as recommended by flooring manufacturer.

Blind nail T & G Flooring, driving nail at an approximate angle of 50 degrees. Space nails every 10" to 12" o.c. Face nail 5/16" square edge flooring two nails every 8", countersinking nails and filling nail holes.

- b. Resilient flooring shall be asphalt tile 1/8" minimum thickness, vinyl tile minimum thickness 1/16", or linoleum. Grease proof material shall be used in kitchens. Resilient flooring shall be laid in exact accordance with the recommendations of the manufacturer. The exact material, grade, and color will be given in the specification sheet.
- 6. <u>FINISH LUMBER</u> shall be of a species suitable for its intended use, kiln dried, free from tools marks, knots, shakes, or other objectionable defects.

Interior trim, unless otherwise specifically called for, shall match existing adjacent work in design and dimension.

- 7. <u>DOORS</u> where required by the specification sheet shall be:
  - a. 1 3/4" thickness for exterior openings and 1 3/8" minimum thickness for interior openings.
  - b. Unless to be hung in existing openings, doors shall be of stock sizes and design. Doors which are to match existing doors or fit existing openings will be specifically noted in the specification sheet.
  - c. Where one (1) hour fire doors are called for, they shall be of solid core wood, flush panel, 1 3/4" thick, equipped with self-closing hardware.
  - d. The term door unit shall be understood to mean the installation of the jambs, casing (both sides), butt hinges, lock set and the door.
- 8. HARDWARE all doors shall be put in operable condition and be provided with:
  - a. Interior doors (including closet doors), two 3 1/4 x 3 1/4 butt hinges and passage lock sets.
  - b. Bathroom or toilet compartment doors privacy lock sets.
  - c. Exterior and fire doors, three 4" x 4" butt hinges. Exterior doors "keyed entry" lock sets and deadbolts keyed the same.
  - d. Storm or screen doors, safety door checks, 1 ¼" thick removable storm and screen inserts.
- 9. <u>WINDOW FRAMES</u>, sill sash, trim, and hardware shall match existing work in design and dimension unless otherwise indicated.
  - a. Where sash counterbalances are to be installed, chain is to be used.
  - b. Positive locking devices shall be provided on all windows which are accessible from the ground without using a ladder.

- 10. EXTERIOR CORNICES shall be repaired, removed, or replaced.
  - a. Cornices which are to be repaired shall have all rotted or deteriorated parts removed and replaced with new parts matching original work and loose members renailed.
  - b. Where cornices are to be removed, the specification sheet will describe the treatment of the wall exposed by such removal.
  - c. Where a new cornice is needed, it shall be composed of a minimum of three molded members, a plain fascia, a soffit, and a frieze.
- 11. <u>LINEN CLOSET</u> each linen closet shall have a minimum:
  - a. Depth of 14" and width of 18".
  - b. Number of shelves: five, spaced 12, on center. The bottom shelf shall be between 18"-24" above the floor and top shelf shall be not over 74" above the floor.
  - c. Construction: 2" x 3" studs (3" way), 16" on center, 2" sheet rock both sides applied as per item #3, Wall Board, Section C.
  - d. Door and hardware as per items #7 and #8.
- 12. CLOTHES CLOSET each clothes closet shall have a minimum:
  - a. Depth of two feet clear inside dimension and width of three feet clear inside dimension.
  - b. Construction: 2" x 3" studs (3"way), 16" on center, 2" sheet rock both sides applied as per item #3, Wall Board, Section C.
  - c. Door(s) up to 4' closet wide, minimum width 2'. Closet over 4' wide double doors.
  - d. Height: enclosing walls shall extend from the floor to the ceiling of the rooms in which they are located. Hanging space: minimum adequate to permit 5' clear; maximum shelf shall not be over 74" above floor of room.
  - e. Shelf and rod: provide at least 8" clear space above shelf. The center of rod shall be a minimum of 2" from the bottom of the shelf. The minimum width of the shelf shall be 12" nominal dimension. Shelves and rods over 4' in length shall have center supports.
- 13. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

## SECTION C STUCCO, PLASTERING, WALLBOARD

#### 1. STUCCO

- a. Mortar for all applications shall consists of one part of Portland Cement to not less than three nor more than five parts of damp loose aggregate by volume. Hydrate lime may be used but shall not exceed 10% by weight nor more than 25% by volume of the cement used.
- b. The temperature of the surrounding air shall not be less than 32°F during application and for at least forty-eight (48) hours thereafter.
- c. Surfaces to be stuccoed shall be covered with 3.4 per square yard metal lath lapped 1" and nailed 16" o.c. vertically and 6" o.c. horizontally.
  - Wood surfaces are to be covered with 15 pound felt prior to application of the metal lath.
- d. Apply in two (2) or three (3) coats: the final coat shall not be applied sooner than seven
   (7) days after the preceding coat. Before applying the final coat, the surface shall be dampened evenly to obtain uniform suction.
  - Apply two (2) coats on masonry to a minimum thickness of 2".
  - Apply three (3) coats over wood surfaces to a minimum thickness of 3/4".

#### 2. PLASTERING

- a. Gypsum plaster materials shall be standard commercial brands.
- b. Mix and application of Gypsum plasters shall be in accordance with the manufacturer's directions.
- c. Application: apply plaster in three (3) coats or in two (2) coats double up work minimum thickness 3/8".
- d. Gypsum lath shall be applied with long dimension across supports and with end joints staggered.
  - Nailing: nail with 12 or 13 gage lathing nails having approximate 3/8" head with nails spaced not more than 4" on center with a minimum of four (4) nails in each lath. Use six (6) nails for 24" wide lath. Length of nail shall be that which will provide at least 1" penetration in horizontal supports and 3/4" penetration into vertical supports.
- e. Gypsum lath shall not be used as a base for Portland Cement Plaster; metal lath is required.
- f. Wood lath: existing wood lath shall be securely nailed and wetted down prior to applying plaster.
- 3. <u>WALLBOARD</u> shall be Perf-a-tape Gypsum Board carefully fitted and sized prior to nailing in place.

a. Nails shall be driven with their shanks perpendicular to the face of the board and seated below the surface of the board without breaking the paper, in accordance with the following schedule:

Size	Ceiling	Side Walls
3/8", 1/4"	7" o.c., 8" o.c.	1 1/4" GWB Annular ring flat
		head 1/4" diameter
5/8"	6" o.c., 7" o.c.	1 7/8" 6d cem. coat cooler type

- b. Perf-a-tape mix shall comply with the recommendation of the manufacturer. A minimum temperature of 55°F shall be maintained in the room where the work is done until the cement is completely dry.
- c. Perf-a-tape application: apply in accordance with the manufacturer's directions.
  - Over joints: the tape shall be embedded in joint compound and covered with a thin layer of cement; a second and third coat shall be applied.
    - 1) Each coat shall be dry before applying the next coat.
    - 2) Each coat shall be feather-edged and extended beyond the previous coat approximately 2".
    - 3) The finish coat shall be sanded lightly and any imperfections filled in prior to any painting or decorating.
  - Over nails: check to see that all nails have been driven so that their heads are below the surface of the board, leaving a dimple in the surface without breaking the paper.
    - 1) Cover nails with three (3) applications of cement, allowing time to dry between each coat.
    - 2) The final coat shall be sanded lightly before application of paint or other decoration.
  - Inside corners shall be reinforced with tape embedded in cement finished as specified in paragraph 3c (1).
  - Metal corner reinforcement shall be finished as specified in paragraph 3c (1) with two (2) coats of cement.
- 4. <u>PATCHING</u> of stucco or plaster, when called for in the specification sheet, shall be meant to include the removal of all loose material encountered until sound construction is reached, including the removal of rotted or deteriorated lath.
- 5. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

## SECTION D FIRE RESISTIVE CONSTRUCTION

#### 1. ONE HOUR FIRE RESISTIVE CONSTRUCTION

- a. Partitions shall be 2 x 4 studs, spaced 16" on center, covered with 5/8" Gypsum board as listed by Underwriters Laboratory, Inc., applied to both sides of studs; all joints and nails and screws finished by Perf-a-tape joint system. The board shall be nailed 7" o.c. with 1 7/8" 6d cement-coated common nails.
- b. Ceiling shall be 5/8" Gypsum board as listed by Underwriters Laboratory, Inc., applied to ceiling joists; all joints and nails and screws finished by Perf-a-tape joint system. The board shall be nailed 6" o.c. with 1 7/8" 6d cement-coated common nails.
- c. Openings: protected by 1/4" wire glass in a fixed frame 1 3/4" solid wood door, self-closing.
- d. Public stairway protection shall mean a one (1) hour fire resistive partition and the one (1) hour fire door or doors, as specified.

#### 2. TWO HOUR FIRE RESISTIVE BOILER ROOM PROTECTION

- a. Walls: 8" concrete block set in (1-3) cement mortar.
- b. Openings: protected by (1 1/2 hour door) door set in metal frame. Labeled door and frame shall be approved by the Underwriters Laboratory, Inc.
- c. Ceiling: metal lath (3.4 # per square yard) nailed to joists with 1 1/4" barbed roofing nails with 7/16" head 0 6" o.c. finished with Vermiculite or Perlite plaster with a minimum thickness of 3/4".
- 3. <u>SKYLIGHT PROTECTION</u> When existing skylights are glazed with plain glass, install minimum of #12 gauge wire, mesh not greater than 1" placed not less than 4" nor more than 10" under the glass it protects, or re-glaze with wire glass.
- 4. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

## SECTION E GLASS AND GLAZING

### 1. GLASS

- a. Windows shall be glazed or reglazed, where required, with single strength clear glass.
- b. Skylights shall be glazed with 1/4" wire glass.
- c. Putty shall consist of pure linseed oil, pure whiting, natural color, or glazing compound.
- d. Prime all wood sash before the placing of putty.

- e. Glass shall be bedded in putty and secured in place with glazier points and face puttied. All excess putty shall be removed and all glass left clean.
- 2. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

# SECTION F ROOFING, SHEET METAL, CAULKING

#### 1. ROOFING

- a. Build up roofing, when called for, shall be a ten (10) year guaranteed roof. The contractor shall state in writing the conditions for the ten (10) year guarantee warranty. Existing raised seams of metal roofs shall be knocked down prior to the application of any new roofing.
- b. Re-coat roofs, when called for, with hot asphalt after repairing all deteriorated areas and flashing.
- 2. <u>GUTTERS</u> shall be no less than 26 gauge and 5" half round galvanized metal securely fastened to provide uniform pitch to drain and prevent sagging. .027 "k" type aluminum 5" gutters will be allowed.
- 3. <u>DOWNSPOUTS</u> shall be no less than 26 gauge and 4" round galvanized metal securely fastened to the wall. .027"k" type aluminum 4" gutters will be allowed.

#### 4. SKYLIGHT

- a. Shall be a standard residential HIP type with ventilating throat and damper when used to provide both light and ventilation.
- b. Ventilator units are not required when skylight provides light only.
- c. Glazing shall be wire glass.
- 5. <u>CAULK</u> around all door and window frames or other locations where called for or needed to make a water-tight job.
  - Material and Application: Use standard commercial brands of caulking compound delivered to the job in unopened packages, applied in exact accordance with manufacturer's directions. Gun application for gun grade or knife application for knife grade.
- GUARANTEE The contractor shall guarantee all work furnished and installed under this
  contract to be free from defects in materials and workmanship for a period of one (1) year
  following date of final acceptance of the work. Guarantee on roof material warranty by
  contractor.

## SECTION G PAINTING

#### 1. PREPARATION OF SURFACES

- a. No paint shall be applied until all nail holes have been puttied and all defects in woodwork have been eliminated by the insertion of dutchmen or complete replacement of the damaged part.
- b. Painted wood surfaces to be repainted shall be cleaned by best means possible to remove loose and scaly paint and rough spots. Where previous paint coats have chipped and peeled, the edge shall be sanded down to obtain a smooth surface before new paint is applied.
- c. Plaster or wallboard surfaces to be painted or papered shall be sound, smooth and free from holes, cracks or irregularities. All loose wallpaper shall be removed and edges sanded smooth.

#### 2. MATERIALS

- a. All paint and other finished materials shall be standard brands of good quality.
- b. All paint shall be delivered to site in manufacturer's sealed containers. Each container shall be labeled giving manufacturer's name, type of paint, color and instructions.
- c. Before proceeding with painting, color samples shall be shown the owner for his selection.
- d. The finish coat in kitchens and bathrooms shall provide a durable and washable surface.

#### 3. APPLICATION

- a. Do not apply exterior paint in damp, rainy weather or until the surface has thoroughly dried from the affects of such weather. Do not apply paint when the temperature is below 50°F.
- b. Finished work shall be uniform, of owner selected color, smooth and free from runs, sages, holidays, or defective brushing and rolling. Make edges of paint adjoining other materials or colors sharp and clean.
- c. Paint application shall consist of two (2) coats (minimum) on old work and three (3) coats on new work to all surfaces and visible edges. The top and bottom edges of doors shall also be given a minimum of one coat.
- 4. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of work.

**NOTE:** ALL PAINTING AND PREPARATION WORK MUST BE DONE IN ACCORDANCE WITH LEAD BASED PAINT HAZARD REDUCTION ACCEPTALBE PRACTICES.

#### **SECTION H**

#### **MISCELLANEOUS IRON AND STEEL**

- 1. <u>FIRE ESCAPE</u> will conform to the Allentown City Building Code for "Standard Fire Escapes" and shall be located where indicated in the specification sheet. Paint all members of fire escapes with one shop coat of rust-inhibiting paint before erection.
- <u>LINTELS</u> and other steel structural members called for in the specification sheet or necessary
  for sound construction shall be of the size and weights required to support the anticipated
  superimposed loads.
  - a. Paint all structural steel with one shop coat of rust-inhibiting paint before erection.
  - b. Lintels shall have a minimum bearing of 4" at each end.
- 3. RATPROOFING of doors and windows at or near grade.
  - a. Door: install non-corrosive metal (minimum 26 gauge 8" wide) to base of door (exterior side).
  - b. Windows: install not less than #12 gauge non-corrosive wire, maximum opening 2".
     Wire to be installed on a separate frame and secured to existing window frame with hook and eye, two sides.
- 4. <u>LALLY COLUMNS</u> shall be selected to support the anticipated loading and shall bear on properly designed foundations.
- 5. <u>SCREW-JACK (OR ADJUSTABLE HEIGHT) COLUMNS</u> shall be of proper sizes, provided with adequate foundations and shall be welded to prevent re-adjustment after installation.
- 6. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

### SECTION I PLUMBING

- 1. <u>SANITARY WASTE AND DRAINAGE PIPING</u> above ground shall be standard weight, cast iron drainage fittings, or extra heavy cast iron soil pipe and fittings. All piping passing through the roof shall be flashed with metal flashing.
- 2. <u>WATER PIPING</u> above ground shall be type L copper tubing with wrought copper solder joint fittings.
  - a. Valves shall be 150# brass with ends similar to fittings.
  - b. Unions shall be provided to permit removal of equipment without cutting piping.
- 3. GAS PIPING shall be black steel pipe installed in accordance with the recommendations of the United Gas and Improvement Company. Provide 125# brass gas stops where required.

- 4. <u>WATER HEATER</u> shall be glass lined, complete with all controls and with a ten (10) year tank warranty. The size or number of water heater required will be called for in the specification sheet. A pressure-temperature relief valve shall be provided for each water heater. A drain pan may be required.
- 5. <u>PLUMBING FIXTURES</u> which exist and are to remain, shall be placed in good working order. Replace all missing or damaged parts with new parts of same design.
  - a. Fittings shall be chrome plated and supplies to each fixture shall be provided with stop valves to permit removal without shutting off service.

#### b. Bathroom Fixtures

- Water closet shall be a vitreous china, free standing close-coupled closet combination with reverse trap bowl, extended rear shelf, tank and cover, china caps, complete with tank fittings and supply stop valve. For use in a handicap situation, they must be handicap approved, 17"-19" high, with a split seat.
- Lavatory shall be enameled cast iron shelf back lavatory, front overflow, acidresisting, with Ap@ trap, wall hanger combination fitting and supply stop valves.
   For use in a handicap situation they must be 34" high with proper knee and toe clearance.
- Bathtub shall be enameled steel or fiberglass with over rim bath filler and supply stop valves.
- Accessories: The contractor install the following accessories in each bathroom:

Grab bar and soap dish at bathtub

Soap dish at lavatory

Toilet paper holder at water closet

Towel bar

Mirror and medicine cabinet

#### 6. KITCHEN EQUIPMENT

- a. A four-burner gas or electric stove with oven. Gas equipment must have a shut off valve.
- b. Steel sink, single or double drain board, with wall hangers complete with all fittings, supply stop valves.
- c. Base cabinets with counter top as called for in specification sheet.
- d. Wall cabinets as called for in specification sheet.
- 7. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

### SECTION J HEATING

- 1. <u>HEATING PLANT</u> if existing and to remain, shall be thoroughly cleaned and all work or damaged parts, fittings, and accessories replaced and the entire system tested and left in perfect working condition.
- 2. <u>NEW PLANTS</u> if called for in the specification sheet will be described in an addendum to this specification.
- 3. <u>EXISTING PLANTS</u> whether repaired, new, or altered, shall be fully guaranteed to operate properly for one (1) full year and to provide heat to all parts of the building.
- 4. <u>SHOP DRAWINGS</u> showing the proposed new heating system shall be required for new systems and shall show the size and location of all heating units, pipe sizes, boiler, its capacity and controls. Shop drawings must be approved by the inspector and attached to the specification sheet before proceeding with the work.
- 5. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contractor to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

## SECTION K ELECTRICAL

#### 1. EXISTING EQUIPMENT

- a. Existing electrical equipment throughout the building which is not required and becomes superfluous shall be disconnected and removed.
- b. Existing materials found to be in good condition and complying with the City of Allentown Electrical Code may be left in service.

#### 2. WIRING

- a. Wiring shall be as follows:
  - Concealed branch circuits
     Type NM cable wire in EMT or in type THHN
     Type AC armored cable\* type MC
  - Exposed branch circuits
     Type wire in EMT or in type THHN approved surface raceway\*
  - Service and feeders
     Type RH/RW in EMT or in rigid type THHN/THHN galvanized conduit\*, or approved service entrance cable,
    - \*As required by City Code in all cases. Wiring methods and materials approved by National Electrical Code.

- b. Wiring shall be run concealed wherever possible. Where wiring must be run exposed, it shall be run in EMT firmly fastened to ceilings or walls with approved fasteners.
- c. Minimum wire size shall be No. 14 AWG.
- d. Minimum wire size shall be No. 12 AWG for appliance circuits and bathroom GFI's.
- e. Minimum wire size shall be No. 10 AWG for feeders to panels.
- f. Ordinary 419 on receptacles.
- g. Rating, type and suitable for use.

#### 3. WIRING DEVICES

- a. Where 15 amp., 125 volt duplex receptacles are required, provide any brand which is U.L. approved.
- b. Where 20 amp., 250 volt receptacles are required, provide any brand which is U.L. approved.
- c. Single pole room lighting switches shall be any brand which is U.L. approved. Three-way and four-way switches shall be any brand which is U.L. approved. Three-way switches on the top of stairways should be the lighted type.
- d. Plates for all switches and receptacles shall be approved by the inspector. When within reach from bathtub, non-conducting type (including screws) shall be used.

### 4. SERVICE, FEEDER AND SAFETY SWITCHES

- a. Service feeder and safety switches shall be U.L. approved.
- b. Provide type "s" fuses as required in all disconnect switches.
- c. Minimum size and rating, suitable for use.

#### 5. PANEL BOXES

- a. Panel boxes shall be enclosed code gauge sheet steel cabinets with doors and catches.
- b. Panel circuits shall be protected by automatic circuit breakers or type "s" fuses.
- 6. <u>LIGHTING FIXTURES</u> The contractor shall provide all lighting fixtures complete with lamps, glassware, mounting hardware, frames and trim, stems, ballasts, sockets, etc., to provide a complete operating fixture at each location, as called for in the specification sheet.
- 7. <u>FURNACE CONNECTION</u> Electrical connections required for the heating plant are to be made by this contractor and included in the heating contract.
- 8. <u>CUTTING, FITTING AND PATCHING</u> All cutting of walls, floors, ceilings, partitions, etc., for the passage of electrical work; closing of superfluous openings around same in connection with the

- work under this item; including the removal of all debris caused thereby, shall be performed by the contractor performing the electrical work.
- 9. <u>GUARANTEE</u> The contractor shall guarantee all work furnished and installed under this contract to be free from defects in materials and workmanship for a period of one (1) year following date of final acceptance of the work.

# SECTION L HISTORIC DISTRICTS

## OLD ALLENTOWN HISTORIC DISTRICT, OLD FAIRGROUNDS HISTORIC DISTRICT AND WEST PARK HISTORIC DISTRICT

- 1. All exterior work proposed for the above Historic Districts must be approved by the City of Allentown Historical Architectural Review Boards (HARB).
- 2. Applications to meet with HARB can be obtained at the City of Allentown, Bureau of Planning and Zoning, 435 Hamilton Street, 4<sup>th</sup> Floor or by calling 610-437-7613.
- 3. The homeowner and/or contractor must be present at the scheduled HARB meeting.

#### SURVEYED AREAS ELIGIBLE FOR NATIONAL REGISTER

- 1. Contractors will be notified by the City of Allentown, Bureau of Building Standards, if property is in a historic state surveyed area.
- 2. Exterior work on properties in historic surveyed areas must meet the Secretary of the Interior's Guidelines for Rehabilitating Historic Buildings.